



KS1 DT Curriculum Coverage and Progression 2026-2027

Year 1	Autumn 1	Autumn 2 Bears / Puppets / Igloos	Spring 1 3D Castles	Spring 2	Summer 1 Healthy Eating - Fruit Kebab	Summer 2
National Curriculum Objectives / Unit						
design purposeful, functional, appealing products for themselves and other users based on design criteria.						
generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology						
select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]						
select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics						
explore and evaluate a range of existing products						
evaluate their ideas and products against design criteria						
build structures, exploring how they can be made stronger, stiffer and more stable						
explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.						
use the basic principles of a healthy and varied diet to prepare dishes						
understand where food comes from.						
Year 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2

		Winter Landscape 3D		Vehicles		Dips and Dippers
National Curriculum Objectives / Unit						
design purposeful, functional, appealing products for themselves and other users based on design criteria.						
generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology						
select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]						
select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics						
explore and evaluate a range of existing products						
evaluate their ideas and products against design criteria						
build structures, exploring how they can be made stronger, stiffer and more stable						
explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.						
use the basic principles of a healthy and varied diet to prepare dishes						
understand where food comes from.						



LKS2 DT Curriculum Coverage and Progression

Year 3	Autumn 1	Autumn 2 Chocolate Bar Wrapper	Spring 1	Spring 2 Sandwich Making	Summer 1	Summer 2 Kites
National Curriculum Objectives / Unit						
use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups						
generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design						
select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately						
select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities						
investigate and analyse a range of existing products						
evaluate their ideas and products against their own design criteria and consider the views of others to improve their work						
understand how key events and individuals in design and technology have helped shape the world						
apply their understanding of how to strengthen, stiffen and reinforce more complex structures						

understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]						
understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]						
apply their understanding of computing to program, monitor and control their products						
understand and apply the principles of a healthy and varied diet						
prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques						
understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.						



LKS2 DT Curriculum Coverage and Progression

Year 4	Autumn 1 Electric Fan	Autumn 2	Spring 1	Spring 2 Pop Up Cards	Summer 1 Pizza Making	Summer 2
National Curriculum Objectives / Unit						
use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups						
generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design						
select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately						
select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities						
investigate and analyse a range of existing products						
evaluate their ideas and products against their own design criteria and consider the views of others to improve their work						
understand how key events and individuals in design and technology have helped shape the world						
apply their understanding of how to strengthen, stiffen and reinforce more complex structures						

understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]						
apply their understanding of computing to program, monitor and control their products						
understand and apply the principles of a healthy and varied diet						
prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques						
understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.						



UKS2 DT Curriculum Coverage and Progression

Year 5	Autumn 1	Autumn 2 Sewing	Spring 1	Spring 2	Summer 1 Bread	Summer 2 Book with Moving parts
National Curriculum Objectives / Unit						
use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups						
generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design						
select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately						
select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities						
investigate and analyse a range of existing products						
evaluate their ideas and products against their own design criteria and consider the views of others to improve their work						
understand how key events and individuals in design and technology have helped shape the world						
apply their understanding of how to strengthen, stiffen and reinforce more complex structures						

understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]						
apply their understanding of computing to program, monitor and control their products.						
understand and apply the principles of a healthy and varied diet						
prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques						
understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.						

Year 6	Autumn 1 Air Raid Shelters	Autumn 2 Cooking	Spring 1	Spring 2	Summer 1 Gothic Structures	Summer 2 Gothic Structures
National Curriculum Objectives / Unit						
use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups						
generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design						
select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately						
select from and use a wider range of materials and components, including construction materials, textiles						

and ingredients, according to their functional properties and aesthetic qualities						
investigate and analyse a range of existing products						
evaluate their ideas and products against their own design criteria and consider the views of others to improve their work						
understand how key events and individuals in design and technology have helped shape the world						
apply their understanding of how to strengthen, stiffen and reinforce more complex structures						
understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]						
apply their understanding of computing to program, monitor and control their products						
understand and apply the principles of a healthy and varied diet						
prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques						
understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.						